

# INTERNATIONAL SEARCH REPORT

PCT/US2004/036035

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F24F13/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F24F A47B F16B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	GB 2 280 951 A (* AAF-LIMITED) 15 February 1995 (1995-02-15) the whole document	1, 7, 12, 16, 22, 29 2-6, 8-11, 13-15, 17-20, 23-27
X	US 6 205 738 B1 (CHEN TSAI CHI) 27 March 2001 (2001-03-27) the whole document	1, 7, 12, 16, 22, 29
X	DE 25 19 457 A1 (MABAG LUFT- UND KLIMATECHNIK GMBH) 17 February 1977 (1977-02-17) the whole document	21
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

21 March 2005

Date of mailing of the international search report

04/04/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 129 239 A (THURMAN ET AL) 14 July 1992 (1992-07-14) the whole document	28
A	WO 01/50067 A (SPRINGER CARRIER S.A; DE CARVALHO, MAURICIO, FERNANDES, BARBOSA; HUBER) 12 July 2001 (2001-07-12) the whole document	
A	US 2003/020382 A1 (HERBECK CHRISTIAN C ET AL) 30 January 2003 (2003-01-30)	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/US2004/036035

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GB 2280951	A	15-02-1995	SG 55051 A1	21-12-1998
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DE 2519457	A1	17-02-1977	NONE	
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			AU 1959700 A	16-07-2001
			BR 9917184 A	08-10-2002
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			CA 2452007 A1	23-01-2003
			EP 1409930 A2	21-04-2004
			MX PA04000319 A	04-05-2004
			WO 03006889 A2	23-01-2003